

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	59	(US-20050060998-\$ or US-20030110935-\$ or US-20020179145-\$ or US-20030180159-\$ or US-20020176788-\$).did. or (US-2544976-\$ or US-5454943-\$ or US-4223595-\$ or US-6257356-\$ or US-6345609-\$ or US-5409354-\$ or US-4840112-\$ or US-5158109-\$ or US-H001292-\$ or US-6494127-\$ or US-6283723-\$ or US-2450248-\$ or US-5511956-\$ or US-3805675-\$ or US-4781104-\$ or US-6272852-\$ or US-3125034-\$ or US-1906787-\$ or US-1894701-\$ or US-6823895-\$ or US-6463736-\$ or US-6092998-\$ or US-5954017-\$ or US-6537040-\$ or US-3511131-\$ or US-5626466-\$). did. or (US-6244832-\$ or US-6615799-\$ or US-5967018-\$ or US-6109884-\$ or US-2437089-\$ or US-6487931-\$ or US-5383770-\$ or US-6224350-\$ or US-5558003-\$ or US-4157056-\$ or US-6347574-\$ or US-6283721-\$ or US-6378413-\$ or US-6116144-\$ or US-5452745-\$ or US-5070269-\$ or US-5284330-\$ or US-5579653-\$).did. or (US-2651258-\$ or US-3429301-\$ or US-1331281-\$ or US-1741591-\$ or US-3186353-\$ or US-0944913-\$ or US-1675546-\$).did. or (DE-4114846-\$ or GB-2008186-\$). did. or (JP-58077179-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 09:24
L2	1068	417/273.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:05
L3	19	("1370516"   "2471939"   "2545315"   "4290621"   "4546990").PN. OR ("4684143").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 10:58
L4	2577	417/269.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 10:59

## EAST Search History

L5	2560	4 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 10:59
L6	952	5 and radial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 10:59
L7	877	6 and piston	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 11:03
L8	0	4 and "rheological"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/21 11:03
L9	0	417/273.ccls. and rheoloical	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:07
L10	138	91/472.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:07
L11	138	91/472.ccls.10 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:10
L12	156	91/476.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:10
L13	155	12 not 11	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:16
L14	225	417/491.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:20
L15	222	14 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:16

## EAST Search History

L16	222	15 not 12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:20
L17	542	91/491.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 11:21
L18	525	17 not (9 or 10 or 12)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 12:00
L19	1	17 and rheological	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 12:07
L20	1478	91/497,499,504.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 12:07
L21	1401	20 not (9 or 10 or 12 or 2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 12:13
L22	849	20 not (9 or 10 or 12 or 2)	US-PGPUB; USPAT	OR	ON	2007/05/21 12:08
L23	0	21 and rheological	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 12:14
L24	160	60/326.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 12:14
L25	15	24 and rheological	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 12:58
L26	0	(electro-energized and rheological). clm.	US-PGPUB	OR	ON	2007/05/21 12:59
L27	0	("electro energized" and rheological).clm.	US-PGPUB	OR	ON	2007/05/21 13:00
L28	0	("electro energized").clm.	US-PGPUB	OR	ON	2007/05/21 13:00
L30	55	(rheological and piston).clm.	US-PGPUB	OR	ON	2007/05/21 13:02